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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/933,708

DATE: 04/30/2003

TIME: 11:58:10

Input Set : A:\54719028.app

Output Set: N:\CRF4\04302003\I933708.raw

3 <110> APPLICANT: PICCARIELLO, THOMAS  
 4 OLON, LAWRENCE P.  
 5 KIRK, RANDAL J.  
 7 <120> TITLE OF INVENTION: ACTIVE AGENT DELIVERY SYSTEMS AND METHODS FOR  
 8 PROTECTING AND ADMINISTERING ACTIVE AGENTS  
 10 <130> FILE REFERENCE: 54719.000028  
 12 <140> CURRENT APPLICATION NUMBER: 09/933,708  
 C--> 13 <141> **CURRENT FILING DATE: 2003-04-23**  
 15 <160> NUMBER OF SEQ ID NOS: 21  
 17 <170> SOFTWARE: PatentIn Ver. 2.1  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 12  
 21 <212> TYPE: PRT  
 22 <213> ORGANISM: Artificial Sequence  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 26 peptide  
 28 <220> FEATURE:  
 29 <221> NAME/KEY: misc\_feature  
 30 <222> LOCATION: (1)..(12)  
 31 <223> OTHER INFORMATION: This peptide may encompass 3-12 residues  
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 35 1 5 10  
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 39 <211> LENGTH: 8  
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 48 <221> NAME/KEY: misc\_feature  
 49 <222> LOCATION: (1)..(8)  
 50 <223> OTHER INFORMATION: This peptide may encompass 7-8 residues  
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 53 Ser Ser Ser Ser Ser Ser Ser Ser  
 54 1 5  
 57 <210> SEQ ID NO: 3  
 58 <211> LENGTH: 9  
 59 <212> TYPE: PRT  
 60 <213> ORGANISM: Artificial Sequence  
 62 <220> FEATURE:

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63 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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67 <221> NAME/KEY: misc\_feature  
68 <222> LOCATION: (1)..(9)  
69 <223> OTHER INFORMATION: This peptide may encompass 4-9 residues  
71 <400> SEQUENCE: 3  
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73 1 5  
76 <210> SEQ ID NO: 4  
77 <211> LENGTH: 8  
78 <212> TYPE: PRT  
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86 <221> NAME/KEY: misc\_feature  
87 <222> LOCATION: (1)..(8)  
88 <223> OTHER INFORMATION: This peptide may encompass 7-8 residues  
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105 <221> NAME/KEY: misc\_feature  
106 <222> LOCATION: (1)..(8)  
107 <223> OTHER INFORMATION: This peptide may encompass 1-8 residues  
109 <400> SEQUENCE: 5  
110 Thr Thr Thr Thr Thr Thr Thr Thr Thr  
111 1 5  
114 <210> SEQ ID NO: 6  
115 <211> LENGTH: 13  
116 <212> TYPE: PRT  
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119 <220> FEATURE:  
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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124 <221> NAME/KEY: misc\_feature  
125 <222> LOCATION: (1)..(13)  
126 <223> OTHER INFORMATION: This peptide may encompass 7-13 residues  
128 <400> SEQUENCE: 6

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134 <211> LENGTH: 14
135 <212> TYPE: PRT
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138 <220> FEATURE:
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142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: (1)..(14)
145 <223> OTHER INFORMATION: This peptide may encompass 5-14 residues
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149   1           5           10
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153 <211> LENGTH: 15
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155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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161 <400> SEQUENCE: 8
162 Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu Glu
163   1           5           10           15
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177   1           5           10
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182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
187     peptide
189 <400> SEQUENCE: 10
190 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
191   1           5           10
194 <210> SEQ ID NO: 11
195 <211> LENGTH: 11
196 <212> TYPE: PRT

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197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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217 <400> SEQUENCE: 12
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221 Gly Gly
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235   1             5             10             15
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241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
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247 <400> SEQUENCE: 14
248 Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe Phe
249   1             5             10             15
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253 <211> LENGTH: 5
254 <212> TYPE: PRT
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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261 <220> FEATURE:
262 <221> NAME/KEY: misc_feature
263 <222> LOCATION: (1)..(5)
264 <223> OTHER INFORMATION: This peptide may encompass 1-5 residues

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273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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280 <400> SEQUENCE: 16
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282   1           5           10           15
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286 <211> LENGTH: 15
287 <212> TYPE: PRT
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290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
292     peptide
294 <400> SEQUENCE: 17
295 Val Val Val Val Val Val Val Val Val Val Val Val Val Val Val Val
296   1           5           10           15
299 <210> SEQ ID NO: 18
300 <211> LENGTH: 15
301 <212> TYPE: PRT
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
306     peptide
308 <400> SEQUENCE: 18
309 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
310   1           5           10           15
313 <210> SEQ ID NO: 19
314 <211> LENGTH: 11
315 <212> TYPE: PRT
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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322 <220> FEATURE:
323 <221> NAME/KEY: misc_feature
324 <222> LOCATION: (1)..(11)
325 <223> OTHER INFORMATION: This peptide may encompass 4-11 residues
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328 Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys
329   1           5           10
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/933,708

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date